

**Abstract****Improved Mobile Communications Antenna and Transceiving Apparatus**

An antenna apparatus has a rod-shaped antenna element and a feeding part to feed electronic signals to, and receive electronic signals from, the antenna element. The antenna apparatus comprises a first ground plane that is provided parallel to and near the antenna element and that is located to serve as a background to electromagnetic waves radiating from the antenna element in at least one direction. The antenna apparatus also comprises at least a second ground plane that is provided parallel to and near the antenna element and in a direction different from that of the first ground plane.